



PAR-P8PAN360-AI

8 Megapixel IP Plug & Play, Outdoor Panoramic Camera, True AI, Up to 49' IR Range, D-WDR, Audio Input/Output, SD Card Slot, 24VAC/24VDC/PoE+

Features

- True AI Human & Vehicle Classification for Line Crossing & Intrusion Detection
- 8 Megapixel Resolution
- Smart IRs
- H.265+, H.265, H.264+, H.264, MJPEG Compression
- 30 FPS Recording and Live
- D-WDR
- Smart Analytics
- Micro SD Slot: Up to 256GB
- Audio Input
- Audio Output
- IP66 Weather Resistant
- IK10 Vandal Resistant
- 24VAC/24VDC/PoE+
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Camera Module	
Image sensor	1/2.8" progressive scan CMOS × 4CH
Mini. Illumination	Color: 0.008Lux @ (F2.0, AGC ON); B/W: 0.0008Lux @ (F2.0, AGC ON); 0 Lux with IR
Image setting	Saturation, Brightness, Contrast, Sharpness, AGC, & AWB adjusted by client software/browser
Shutter Speed	1/1 s – 1/10,000 s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	IR Cut filter
Privacy Mask	4CH × 1 Programmable privacy masks
Image Enhancement	DWDR 120dB, 3D DNR, Digital zoom, Logo picture Overlay
Angle Adjust	Circular slide 0°~95°, vertically rotate 40°~70°, 4CH
Lens	
Focus length	4mm lens × 4CH, F2.0
FOV	Horizontal FOV:90°; Vertical FOV: 50°
Working Distance	0.2m ~ INF
IR	
IR Range	49 ft (15m) (in radius), 360°(H) × 90°(V)
Smart IR	Yes
Network	
Max Resolution	3840×2160 (1"30fps) (4 × 2MP Lens)
Video compression	H.265+/H.265/H.264+/H.264/MJPEG
Audio compression	G.711 A/U
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous live view	Up to 6 Users
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
Smart Features	
Basic event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
Smart Detection	Up to 4 regions configurable: Human/vehicle detection and classification, Face comparison, Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection.
ROI	Up to 4 regions configurable
Alarm Linkage	Upload to FTP/Memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
System Integration	
Alarm Interface	1CH alarm input; 1CH alarm output
Audio Interface	1CH audio input, 2 to 2.4V[p-p] 1kΩ±10%; 1CH audio output (line out), impedance: 600Ω
Network Interface	1 RJ45 10M/100M Adaptive Ethernet (Support PoE+(802.3.at, class 4))
Storage	Built-in memory card slot, support micro SD/SDHC/SDXC, up to 256G
API	ONVIF, support SDK and third-party management platform
Client	InVid NVR 1.4.5, Paramount CMS AI 2.0
Web Browser	IE8-11
General	
Power	AC24V, DC24V, PoE+ (802.3.at, class 4), (Max 25W, include IR and Heater on)
Working condition	-22 °F ~ 131 °F (-30°C ~ 55°C), 90%RH less (non-condensing), Cold start at - 20°C
Storage condition	-40°F ~ 158°F (-40°C ~ 70°C) ; ≤ 95% RH
Protection	IP 66, IK10, 6000V Lightning Protection, Surge Protection & Voltage Transient Protection
Material	Aluminum Alloy; Plastic
Dimensions	10.7" × 7" (273mm × H 180mm)
Weight	Net weight Approx. 4.62lb (2.1Kg)
Certification	IK10, IP66, ROHS, CE, FC

Ordering Information

PAR-P8PAN360-AI: 8 Megapixel Panoramic Camera